

Title (en)
Seat reclining device

Title (de)
Neigungsverstellvorrichtung für einen Sitz

Title (fr)
Dispositif d'inclinaison de siège

Publication
EP 1279553 B1 20070905 (EN)

Application
EP 02016013 A 20020718

Priority
JP 2001219310 A 20010719

Abstract (en)
[origin: EP1279553A2] The seat reclining device is structured that a first circular shaped concave portion is formed in the first arm and a second concave portion which is concentric with the first concave portion is formed in an inner surface of the first concave portion respectively. The engaged portion is disposed by dividing into two engaged portions in which a first engaged portion is formed on an inner surface of the first concave portion and a second engaged portion is formed on an inner surface of the second concave portion. On the other hand, the engaging portion is divided into two engaging portions, in which a first engaging portion is engaged with the first engaged portion and a second engaging portion is engaged with the second engaged portion. All the engaging and engaged portion have gears which has the same angular piths each other. <IMAGE>

IPC 8 full level
B60N 2/22 (2006.01); **B60N 2/235** (2006.01); **A47C 1/026** (2006.01)

CPC (source: EP US)
B60N 2/236 (2015.04 - EP US)

Cited by
FR2869847A1; FR2928881A1; GB2430616A; FR2873634A1; US7967385B2; WO2006010406A3; WO2009037184A1

Designated contracting state (EPC)
DE FR GB

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